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Serial No.: 10/067,766

Docket No. H07-138422M/NHK

NGB.081

IN THE CLAIMS:

Please amend the claims as follows:

1. (Amended) A print control method of an electrophotograph in an image formation apparatus including at least a photoconductor, a charger, a light exposure unit, and a developing device for forming a background area and an image area on the photoconductor using the charger and the light exposure unit and detecting a potential of the image area after transfer and controlling a developing electric field, thereby printing an electrophotograph, said method comprising:

lowering the percentage of toner covering the image area on the photoconductor when the potential is detected.

- 5. (Amended) The print control method of an electrophotograph as claimed in claim 1, wherein when the potential is detected, avoidance control of a developing bias applied to the developing device is performed so as to lower the toner covering percentage on the photoconductor.
- 6. (Amended) The print control method of an electrophotograph as claimed in claim 2, wherein, when the potential is detected and the detected potential passes through a developing nip width of the developing device, avoidance control of the developing bias is performed to suppress a carrier fly.
- 12. (Amended) The print control method as claimed in claim 11, wherein a peripheral electric field of the image area is controlled based on a detection value of the film thickness of the photoconductor.





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13. (Amended) The print control method as claimed in claim 11, wherein the image formation apparatus includes a dark attenuation storage section storing the potential lowering amount which is caused by dark attenuation of the photoconductor previously detected by the light exposure unit and corresponding to a detection value of the film thickness of the photoconductor and a detection value of a humidity sensor.

- 15. (Amended) An image formation apparatus of an electrophotograph comprising:
 - a photoconductor;
 - a charger;
 - a light exposure unit;

a developing device for forming a background area and an image area on the photoconductor using the charger and the light exposure unit which detects a potential of the image area after transfer and controls a developing electric field; and

a toner covering percentage lowering unit adapted to lower the toner covering percentage of the image area on the photoconductor when the potential is detected.